#2 4-19-02 9M

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Cary D. Perttunen

Title:

INFORMATION ORGANIZATION BASED ON OPTIMUM

PATHS FROM A SEARCH EXPRESSION

Docket No.:

CDP0299C01



## COMMUNICATION REGARDING INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Enclosed for the Examiner's consideration is an Information Disclosure Statement comprising a list of documents on Forms PTO/SB/08A and PTO/SB/08B. A copy of each of the documents is enclosed for the Examiner's consideration except those marked with an asterisk. Those references marked with an asterisk were previously cited and supplied to the Patent and Trademark Office in the parent case having Application Number 09/243,595, and therefore are not enclosed with this IDS.

Respectfully submitted,

Cary O. Kerttun

Cary D. Perttunen Registration No. 38,578 11764 Raintree Court Shelby Township, MI 48315 (586) 781-9319

Dated: February 16, 2002

| Please | type a | plus sign ( | +) inside | this box |
|--------|--------|-------------|-----------|----------|
|--------|--------|-------------|-----------|----------|

PTO/SB/08A (08-00) hrough 10/31/2002. OMB 0651-0031 U.S. DEPARTMENT OF COMMERCE Approved fo U.S. Patent and Trademark Office

Under the Paperwork Reduction Act of 1995, no persons are required to respon

| Substitute for form 1449A | /PTO |
|---------------------------|------|
|                           |      |

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

| and to a concessor or information of |                 | control number. |
|--------------------------------------|-----------------|-----------------|
| Con                                  | nplete if Known |                 |
| Application Number                   |                 |                 |
| Filing Date                          |                 | 2 <b>3</b>      |
| First Named Inventor                 | Perttunen       | 8               |
| Group Art Unit                       |                 | Q               |
| Examiner Name                        |                 |                 |
| Attorney Docket Number               | CDP0299C01      |                 |
|                                      |                 |                 |

|              |                         |   |   |  | <u> </u>   |
|--------------|-------------------------|---|---|--|--|
|              |                         |   | U.S. PATENT DOCU  | IMENTS   |  |
| Cite<br>No.1 | Number Kind             | Code <sup>2</sup>   | Name of Patentee or Applicant of Cited Document   | Date of Publication of<br>Cited Document<br>MM-DD-YYYY                 | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear   |
| AA           | 6,285,367               | B1  | Abrams et al.   | 09-04-2001   |  |
| AB           | 6,144,962               |   | Weinberg et al.   | 11-07-2000   |  |
| AC           | 6,104,400               | 1   | Halachmi et al.   | 08-15-2000   |  |
| AD           | 5,987,469               |   | Lewis et al.  | 11-16-1999   |  |
| AE           | 5,943,039               |   | Anderson et al.   | 08-24-1999   |  |
| AF           | 5,805,167               |   | van Cruyningen  | 09-08-1998   |  |
| AG           | 5,798,760               |   | Vayda et al.  | 08-25-1998   |  |
| AH           | 5,675,733               |   | Williams  | 10-07-1997   |  |
| AI           | 5,596,699               |   | Driskell  | 01-21-1997   |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              |                         |   |   |  |  |
|              | AA AB AC AD AE AF AG AH | AA 6,285,367 AB 6,144,962 AC 6,104,400 AD 5,987,469 AE 5,943,039 AF 5,805,167 AG 5,798,760 AH 5,675,733 | No.1 Number (it known)  AA 6,285,367 B1  AB 6,144,962  AC 6,104,400  AD 5,987,469  AE 5,943,039  AF 5,805,167  AG 5,798,760  AH 5,675,733 | U.S. Patent Document   Name of Patentee or Applicant of Cited Document | Cite No.¹         Number         Kind Code² (it known)         Name of Patentee or Applicant of Cited Document         Date of Publication of Cited Document MM-DD-YYYY           AA         6,285,367 B1         Abrams et al.         09-04-2001           AB         6,144,962         Weinberg et al.         11-07-2000           AC         6,104,400         Halachmi et al.         08-15-2000           AD         5,987,469         Lewis et al.         11-16-1999           AE         5,943,039         Anderson et al.         08-24-1999           AF         5,805,167         van Cruyningen         09-08-1998           AG         5,798,760         Vayda et al.         08-25-1998           AH         5,675,733         Williams         10-07-1997 |

|            |      |                     |                     | FORE                                 | IGN PATENT DOCUMENTS        | S  |  |        |
|------------|------|---------------------|---------------------|--------------------------------------|-----------------------------|--|--|--------|
| Examiner ( | Cite | F                   | oreign Patent Do    | cument                               | Name of Patentee or         | Date of Publication of                           | Pages, Columns, Lines,                                   | $\top$ |
| Initials   | No.1 | Office <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>s</sup><br>(if known) | Applicant of Cited Document | Cited Document<br>MM-DD-YYYY                     | Where Relevant<br>Passages or Relevant<br>Figures Appear | Te     |
|            |      |                     |                     |                                      |                             |  |  | 1      |
|            |      |                     |                     |                                      |                             |  | \ <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>        |        |
|            |      |                     |                     |                                      |                             |  | <del></del>  | 1      |
|            |      |                     |                     |                                      |                             |  |  | +      |
|            |      |                     |                     |                                      |                             |  |  | 1      |
|            |      |                     | _                   |                                      | <del></del> *               |  |  | 十      |
|            |      |                     |                     |                                      |                             |  |  | +      |
|            |      |                     |                     |                                      | <del></del>                 |  |  | +      |
|            |      |                     |                     |                                      |                             | <del>                                     </del> |  | +      |
|            |      |                     |                     |                                      |                             | <u> </u>   |  | +-     |

| Examiner  | Date      |       |
|-----------|-----------|-------|
| Signature | - Conside | red . |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Sheet

PTO/SB/08B (08-00) hrough 10/31/2002. OMB 0651-0031 U.S. DEPARTMENT OF COMMERCE Approved for U. S. Patent and Trademark Office

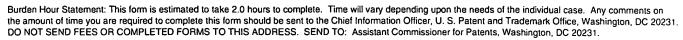
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|           |                       |       |               |                        | The state of the s |               |
|-----------|-----------------------|-------|---------------|------------------------|--|---------------|
| Substitut | te for form 1449B/PTC | )     |               | Con                    | nplete if Known  | $\supset$     |
|           |                       |       |               | Application Number     |  | $\overline{}$ |
| INFC      | PRMATION              | D     | ISCLOSURE     | Filing Date            |  |               |
| STA       | TEMENT E              | 3Y    | APPLICANT     | First Named Inventor   | Perttunen  |               |
| • • • •   |                       |       |               | Group Art Unit         |  |               |
|           | (use as many s        | heets | as necessary) | Examiner Name          |  |               |
| heet      | 2                     | of    | 3             | Attorney Docket Number | CDP0299C01   | $\neg$        |

|                      | , ,          | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS   |    |
|----------------------|--------------|---|----|
| Examiner<br>Initials | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T2 |
| *                    | AJ           | JOHNSON et al., Applied Multivariate Statistical Analysis, 1982, pp. 532-573, Prentice-Hall, Englewood Cliffs.  |    |
| *                    | AK           | TUCKER, Applied Combinatorics, Second Edition, 1984, pp. 28-31 and 80-131, John Wiley & Sons, New York.   |    |
| *                    | AL           | LUGER et al., Artificial Intelligence and the Design of Expert Systems, 1989, pp. 88-99, Benjamin/Cummings Publishing, Redwood City.  |    |
| *                    | AM           | CRC Standard Mathematical Tables and Formulae, 29 <sup>th</sup> Edition, 1991, pp. 106-107, CRC Press, Boca Raton.  |    |
| *                    | AN           | American Heritage Dictionary of the English Language, Third Edition, 1992, inside back cover, Houghton Mifflin, Boston.   |    |
| *                    | AO           | "The best chart type for my data," help screen from Microsoft Excel for Windows 95, 1995.   |    |
| *                    | AP           | Using Visio Products, 1997, pp. 119-122, 185-202 and 207-232, Visio Corporation, Seattle.   |    |
| *                    | AQ           | HYMAN, Dynamic HTML for Dummies, 1997, pp. 63-79, IDG Books, Foster City.   |    |
| *                    | AR           | LEHTO et al., Official Microsoft FrontPage 98 Book, 1997, pp. 32-52, Microsoft Press, Redmond.  |    |
| *                    | AS           | TITTEL et al., HTML 4 for Dummies, 1998, pp. 12-13 and 283-293, IDG Books, Foster City.   |    |
| *                    | АТ           | "Aurigin Announces General Availability of Version 6.0 of its Intellectual Property Asset Management System," Web page from Aurigin Systems, October 1998.  |    |

|           | <br>•      |  |
|-----------|------------|--|
| Examiner  | Date       |  |
| Signature | Considered |  |

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| > |  |
|---|--|
|   |  |

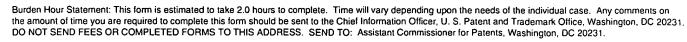
PTO/SB/08B (08-00)
Approved for through 10/31/2002. OMB 0651-0031
S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| Substitu | ite for form 1449B/PTC | )     |               | Complete if Known      |            |  |  |  |  |
|----------|------------------------|-------|---------------|------------------------|------------|--|--|--|--|
|          |                        | _     | 1001 001155   | Application Number     |            |  |  |  |  |
| INF      | JRIVIA HON             | וט    | ISCLOSURE     | Filing Date            |            |  |  |  |  |
| STA      | TEMENT E               | BY    | APPLICANT     | First Named Inventor   | Perttunen  |  |  |  |  |
|          | _                      |       |               | Group Art Unit         |            |  |  |  |  |
|          | (use as many s         | heets | as necessary) | Examiner Name          |            |  |  |  |  |
| heet     | 3                      | of    | 3             | Attorney Docket Number | CDP0299C01 |  |  |  |  |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |  |      |       |                                       |      |             |    |          |         |             |          |              |  |
|---|--|------|-------|---------------------------------------|------|-------------|----|----------|---------|-------------|----------|--------------|--|
| Examiner<br>Initials                              | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book manazine inurnal serial symposium catalog etc.) date page(a) yellow item (book manazine inurnal serial symposium catalog etc.) |      |       |                                       |      |             |    |          | T2      |             |          |              |  |
| *   | AU   | "The | Brain | ," Web                                | page | from        | PC | Magazine | Online, | Apri        | 1 1998.  |              |  |
|   |  |      |       |                                       | -    | <u>,</u>    |    |          |         | <u></u> "   |          |              |  |
|   |  |      |       | · · · · · · · · · · · · · · · · · · · |      | <del></del> |    |          |         |             |          | <del>.</del> |  |
|   |  |      |       | <u> </u>                              |      |             |    |          |         |             |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         | _           | <u> </u> |              |  |
|   |  |      |       |                                       |      |             |    | _        |         | _           |          |              |  |
|   |  |      |       |                                       |      |             |    |          | -       | •           |          |              |  |
|   |  |      |       | <u></u>                               |      |             |    |          |         |             |          | _            |  |
|   |  |      |       |                                       |      |             |    |          |         | -           |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         | <del></del> |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         |             |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         |             |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         |             | 22       |              |  |
|   |  |      |       |                                       |      |             |    |          |         |             |          |              |  |
|   |  |      |       |                                       |      |             |    |          |         |             |          |              |  |
| Examine   | -  <br>-   |      |       |                                       |      |             |    |          | Date    |             |          |              |  |

| Examiner  | Date       |  |
|-----------|------------|--|
| Signature | Considered |  |

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.